

Landung Alpha-Trainer

OPERATING SPEEDS		VNE 135 kts 250 km/h	FLAPS	
V _{SO}	35 kts (65 km/h)		+25°	35-60 kts (65 - 111 km/h)
V _{S1}	43 kts (80 km/h)	+15°	40-70 kts (74 - 130 km/h)	
V _{FE}	70 kts (130 km/h)	0°	43-135 kts (80 - 250 km/h)	
V _A	86 kts (160 km/h)			
V _B	108 kts (201 km/h)			

On final, set flaps to 2nd position.
Align with the runway and reduce power to idle.
Maintain an airspeed of 55 kts (102 km/h).
Use throttle to control your descent glide path, otherwise control your attitude and crab if necessary.

NOTE: When landing with retracted flaps (high winds, strong turbulence), increase airspeed for half-wind-gust intensity.

CAUTION! Crosswind landings require higher final approach speeds to ensure aircraft's safe manoeuvrability. Increase the approach speed by 1 kts for every 1 kts of crosswind component e.g. in case of 5 kts crosswind component, increase the approach speed by 5 kts.

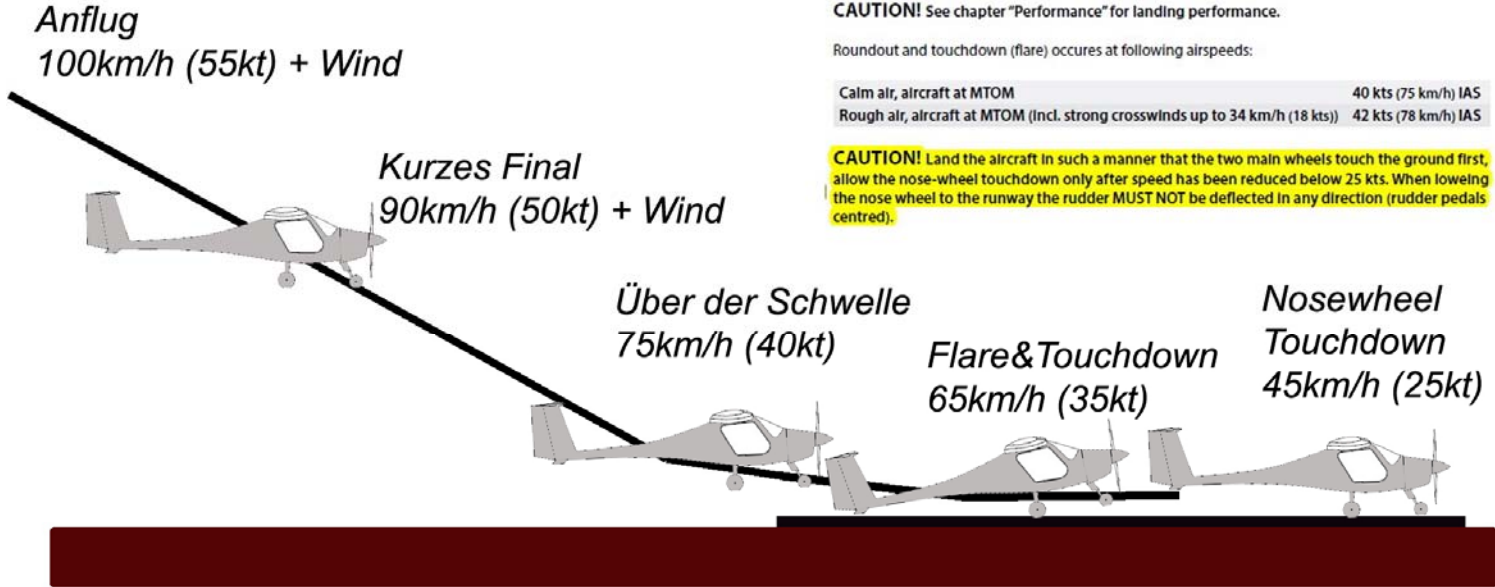
Roundout and touchdown

CAUTION! See chapter "Performance" for landing performance.

Roundout and touchdown (flare) occurs at following airspeeds:

Calm air, aircraft at MTOM	40 kts (75 km/h) IAS
Rough air, aircraft at MTOM (Incl. strong crosswinds up to 34 km/h (18 kts))	42 kts (78 km/h) IAS

CAUTION! Land the aircraft in such a manner that the two main wheels touch the ground first, allow the nose-wheel touchdown only after speed has been reduced below 25 kts. When lowering the nose wheel to the runway the rudder **MUST NOT** be deflected in any direction (rudder pedals centred).



Turning BASE

Standard-Platzrunde Alpha-Trainer

1. Speed Check <130km/h (70kt)
2. Gas raus
3. Klappen +15°
4. Pumpe An
5. Speed 110km/h (60kt)
6. Klappen +25°

7. Queranflug melden

Speed 120km/h
(65kt)

Speed 140-160km/h (75-85kt)
Gegenanflug melden

Abflug
Speed 160km/h (Kühlung & Sicht)
(85kt)

Platzrundenhöhe
Gas 3.500
Speed 140-160km/h
(75-85kt)

DURCHSTARTEN

1. Vollgas 21...22...23
2. Nachdrücken
3. Speed Check 110km/h+ (60kt+)
4. Klappen +15°

STEIGFLUG

- 500ft
1. Gas 5.300 --> Nase runter
 2. Speed 120km/h+ Check
 3. Klappen 0° (65kt+)
 4. Pumpe Aus

Speed 100km/h
(55kt)

Steigflug
110-130km/h
(60-70kt)